



Tuesday, May 22, 2012

Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Project ID: SATIN
Sample ID#s: BB85071 - BB85080

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 22, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date Time

05/10/12 14:46
05/11/12 14:15

Laboratory Data

SDG ID: GBB85071
Phoenix ID: BB85071

Project ID: SATIN

Client ID: P-11 (1-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	90		%	05/12/12		JL	E160.3
Extraction for PCB	Completed			05/12/12		MQ/D	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1221	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1232	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1242	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1248	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1254	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1260	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1262	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1268	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	83		%	05/15/12		M/K	30 - 150 %
% TCMX	88		%	05/15/12		M/K	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director

May 22, 2012

Reviewed and Released by: Bobbi Aloisa, Vice President



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Analysis Report

May 22, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

05/10/12

Time

14:47

05/11/12

14:15

Laboratory Data

SDG ID: GBB85071

Phoenix ID: BB85072

Project ID: SATIN

Client ID: P-11 (2-2.4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	90		%	05/12/12		JL	E160.3
Extraction for PCB	Completed			05/12/12		MQ/D	SW3540C
Field Extraction	Completed			05/10/12		LBG	SW5035

PCB (Soxhlet)

PCB-1016	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1221	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1232	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1242	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1248	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1254	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1260	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1262	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1268	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082

QA/QC Surrogates

% DCBP	90		%	05/15/12		M/K	30 - 150 %
% TCMX	92		%	05/15/12		M/K	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
1,1,1-Trichloroethane	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.0023	mg/Kg	05/12/12		R/J	SW8260
1,1,2-Trichloroethane	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
1,1-Dichloroethane	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
1,1-Dichloroethene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
1,1-Dichloropropene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
1,2,3-Trichlorobenzene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
1,2,3-Trichloropropane	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,4-Trichlorobenzene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
1,2,4-Trimethylbenzene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
1,2-Dichlorobenzene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
1,2-Dichloroethane	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
1,2-Dichloropropane	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
1,3,5-Trimethylbenzene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
1,3-Dichlorobenzene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
1,3-Dichloropropane	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
1,4-Dichlorobenzene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
2,2-Dichloropropane	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
2-Chlorotoluene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
2-Hexanone	ND	0.019	mg/Kg	05/12/12		R/J	SW8260
2-Isopropyltoluene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
4-Chlorotoluene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
4-Methyl-2-pentanone	ND	0.019	mg/Kg	05/12/12		R/J	SW8260
Acetone	ND	0.077	mg/Kg	05/12/12		R/J	SW8260
Acrylonitrile	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Benzene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Bromobenzene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Bromochloromethane	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Bromodichloromethane	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Bromoform	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Bromomethane	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Carbon Disulfide	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Carbon tetrachloride	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Chlorobenzene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Chloroethane	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Chloroform	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Chloromethane	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
cis-1,2-Dichloroethene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Dibromochloromethane	ND	0.0023	mg/Kg	05/12/12		R/J	SW8260
Dibromoethane	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Dibromomethane	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Dichlorodifluoromethane	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Ethylbenzene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Hexachlorobutadiene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Isopropylbenzene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
m&p-Xylene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Methyl Ethyl Ketone	ND	0.023	mg/Kg	05/12/12		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	0.0077	mg/Kg	05/12/12		R/J	SW8260
Methylene chloride	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Naphthalene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
n-Butylbenzene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
n-Propylbenzene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
o-Xylene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
p-Isopropyltoluene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
sec-Butylbenzene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Styrene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
tert-Butylbenzene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Tetrachloroethene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Tetrahydrofuran (THF)	ND	0.0077	mg/Kg	05/12/12		R/J	SW8260
Toluene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Total Xylenes	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
trans-1,2-Dichloroethene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	0.0077	mg/Kg	05/12/12		R/J	SW8260
Trichloroethene	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Trichlorofluoromethane	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Trichlorotrifluoroethane	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
Vinyl chloride	ND	0.0038	mg/Kg	05/12/12		R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	97		%	05/12/12		R/J	70 - 130 %
% Bromofluorobenzene	92		%	05/12/12		R/J	70 - 130 %
% Dibromofluoromethane	82		%	05/12/12		R/J	70 - 130 %
% Toluene-d8	98		%	05/12/12		R/J	70 - 130 %

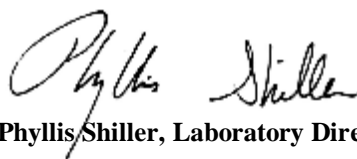
Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 22, 2012

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 22, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date Time

05/10/12 15:30
05/11/12 14:15

Laboratory Data

SDG ID: GBB85071
Phoenix ID: BB85073

Project ID: SATIN

Client ID: P-73 (0-.3)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	92		%	05/12/12		JL	E160.3
Extraction for PCB	Completed			05/15/12		BB/E	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.36	mg/Kg	05/16/12		MH	3540C/8082
PCB-1221	ND	0.36	mg/Kg	05/16/12		MH	3540C/8082
PCB-1232	ND	0.36	mg/Kg	05/16/12		MH	3540C/8082
PCB-1242	ND	0.36	mg/Kg	05/16/12		MH	3540C/8082
PCB-1248	ND	0.36	mg/Kg	05/16/12		MH	3540C/8082
PCB-1254	ND	0.36	mg/Kg	05/16/12		MH	3540C/8082
PCB-1260	ND	0.36	mg/Kg	05/16/12		MH	3540C/8082
PCB-1262	ND	0.36	mg/Kg	05/16/12		MH	3540C/8082
PCB-1268	ND	0.36	mg/Kg	05/16/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	92		%	05/16/12		MH	30 - 150 %
% TCMX	86		%	05/16/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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Analysis Report

May 22, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date Time

05/10/12 15:32
05/11/12 14:15

Laboratory Data

SDG ID: GBB85071
Phoenix ID: BB85074

Project ID: SATIN

Client ID: P-73 (1-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	91		%	05/12/12		JL	E160.3
Extraction for PCB	Completed			05/15/12		BB/E	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.36	mg/Kg	05/16/12		MH	3540C/8082
PCB-1221	ND	0.36	mg/Kg	05/16/12		MH	3540C/8082
PCB-1232	ND	0.36	mg/Kg	05/16/12		MH	3540C/8082
PCB-1242	ND	0.36	mg/Kg	05/16/12		MH	3540C/8082
PCB-1248	ND	0.36	mg/Kg	05/16/12		MH	3540C/8082
PCB-1254	ND	0.36	mg/Kg	05/16/12		MH	3540C/8082
PCB-1260	ND	0.36	mg/Kg	05/16/12		MH	3540C/8082
PCB-1262	ND	0.36	mg/Kg	05/16/12		MH	3540C/8082
PCB-1268	ND	0.36	mg/Kg	05/16/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	98		%	05/16/12		MH	30 - 150 %
% TCMX	88		%	05/16/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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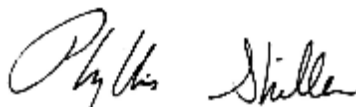
Comments:

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Analysis Report

May 22, 2012

FOR: Attn: Mr. Darrick Jones
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6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date Time

05/10/12 15:33
05/11/12 14:15

Laboratory Data

SDG ID: GBB85071
Phoenix ID: BB85075

Project ID: SATIN

Client ID: P-73 (2-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	88		%	05/12/12		JL	E160.3
Extraction for PCB	Completed			05/15/12		BB/E	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.37	mg/Kg	05/16/12		MH	3540C/8082
PCB-1221	ND	0.37	mg/Kg	05/16/12		MH	3540C/8082
PCB-1232	ND	0.37	mg/Kg	05/16/12		MH	3540C/8082
PCB-1242	ND	0.37	mg/Kg	05/16/12		MH	3540C/8082
PCB-1248	ND	0.37	mg/Kg	05/16/12		MH	3540C/8082
PCB-1254	ND	0.37	mg/Kg	05/16/12		MH	3540C/8082
PCB-1260	ND	0.37	mg/Kg	05/16/12		MH	3540C/8082
PCB-1262	ND	0.37	mg/Kg	05/16/12		MH	3540C/8082
PCB-1268	ND	0.37	mg/Kg	05/16/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	100		%	05/16/12		MH	30 - 150 %
% TCMX	89		%	05/16/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

05/10/12

Time

15:31

05/11/12

14:15

Laboratory Data

SDG ID: GBB85071

Phoenix ID: BB85076

Project ID: SATIN

Client ID: P-73 (.3-.6)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	91		%	05/12/12		JL	E160.3
Extraction for PCB	Completed			05/12/12		MQ/D	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1221	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1232	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1242	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1248	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1254	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1260	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1262	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1268	ND	0.36	mg/Kg	05/15/12		M/K	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	39		%	05/15/12		M/K	30 - 150 %
% TCMX	50		%	05/15/12		M/K	30 - 150 %

Project ID: SATIN
Client ID: P-73 (.3-.6)

Phoenix I.D.: BB85076

Parameter	Result	RL	Units	Date	Time	By	Reference
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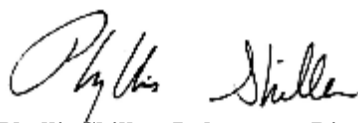
Comments:

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Phyllis Shiller, Laboratory Director

May 22, 2012

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 22, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date Time

05/10/12 15:50
05/11/12 14:15

Laboratory Data

SDG ID: GBB85071
Phoenix ID: BB85077

Project ID: SATIN

Client ID: P-73 (5-6)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	87		%	05/12/12		JL	E160.3
Extraction for PCB	Completed			05/12/12		MQ/D	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.38	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1221	ND	0.38	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1232	ND	0.38	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1242	ND	0.38	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1248	ND	0.38	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1254	ND	0.38	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1260	ND	0.38	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1262	ND	0.38	mg/Kg	05/15/12		M/K	3540C/8082
PCB-1268	ND	0.38	mg/Kg	05/15/12		M/K	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	78		%	05/15/12		M/K	30 - 150 %
% TCMX	91		%	05/15/12		M/K	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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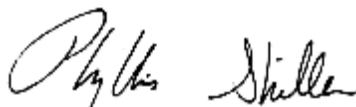
Comments:

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 22, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date Time

05/10/12 15:51
05/11/12 14:15

Laboratory Data

SDG ID: GBB85071
Phoenix ID: BB85078

Project ID: SATIN

Client ID: P-73 (6-7)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	84		%	05/12/12		JL	E160.3
Extraction for PCB	Completed			05/12/12		MQ/D	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.39	mg/Kg	05/15/12		MH	3540C/8082
PCB-1221	ND	0.39	mg/Kg	05/15/12		MH	3540C/8082
PCB-1232	ND	0.39	mg/Kg	05/15/12		MH	3540C/8082
PCB-1242	ND	0.39	mg/Kg	05/15/12		MH	3540C/8082
PCB-1248	ND	0.39	mg/Kg	05/15/12		MH	3540C/8082
PCB-1254	0.47	0.39	mg/Kg	05/15/12		MH	3540C/8082
PCB-1260	ND	0.39	mg/Kg	05/15/12		MH	3540C/8082
PCB-1262	ND	0.39	mg/Kg	05/15/12		MH	3540C/8082
PCB-1268	ND	0.39	mg/Kg	05/15/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	102		%	05/15/12		MH	30 - 150 %
% TCMX	108		%	05/15/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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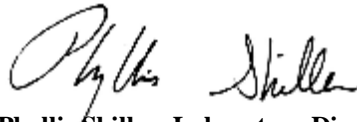
Comments:

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 22, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date Time

05/10/12 15:52
05/11/12 14:15

Laboratory Data

SDG ID: GBB85071
Phoenix ID: BB85079

Project ID: SATIN

Client ID: P-73 (7-8)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	90		%	05/12/12		JL	E160.3
Extraction for PCB	Completed			05/15/12		BB/E	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.37	mg/Kg	05/16/12		MH	3540C/8082
PCB-1221	ND	0.37	mg/Kg	05/16/12		MH	3540C/8082
PCB-1232	ND	0.37	mg/Kg	05/16/12		MH	3540C/8082
PCB-1242	ND	0.37	mg/Kg	05/16/12		MH	3540C/8082
PCB-1248	ND	0.37	mg/Kg	05/16/12		MH	3540C/8082
PCB-1254	3.4	0.37	mg/Kg	05/16/12		MH	3540C/8082
PCB-1260	ND	0.37	mg/Kg	05/16/12		MH	3540C/8082
PCB-1262	ND	0.37	mg/Kg	05/16/12		MH	3540C/8082
PCB-1268	ND	0.37	mg/Kg	05/16/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	Interference		%	05/16/12		MH	30 - 150 %
% TCMX	95		%	05/16/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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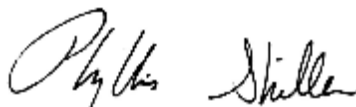
Comments:

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 22, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date Time

05/10/12 15:53
05/11/12 14:15

Laboratory Data

SDG ID: GBB85071
Phoenix ID: BB85080

Project ID: SATIN
Client ID: P-73 (8-8.8)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	91		%	05/12/12		JL	E160.3
Extraction for PCB	Completed			05/17/12		BQ/E	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.36	mg/Kg	05/18/12		MH	3540C/8082
PCB-1221	ND	0.36	mg/Kg	05/18/12		MH	3540C/8082
PCB-1232	ND	0.36	mg/Kg	05/18/12		MH	3540C/8082
PCB-1242	ND	0.36	mg/Kg	05/18/12		MH	3540C/8082
PCB-1248	ND	0.36	mg/Kg	05/18/12		MH	3540C/8082
PCB-1254	1.3	0.36	mg/Kg	05/18/12		MH	3540C/8082
PCB-1260	ND	0.36	mg/Kg	05/18/12		MH	3540C/8082
PCB-1262	ND	0.36	mg/Kg	05/18/12		MH	3540C/8082
PCB-1268	ND	0.36	mg/Kg	05/18/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	98		%	05/18/12		MH	30 - 150 %
% TCMX	108		%	05/18/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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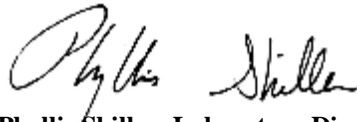
Comments:

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

May 22, 2012

QA/QC Data

SDG I.D.: GBB85071

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 200591, QC Sample No: BB78090 (BB85071, BB85072, BB85073, BB85074, BB85075, BB85076, BB85077, BB85078, BB85079, BB85080)									
<u>Polychlorinated Biphenyls - Solid</u>									
PCB-1016	ND	117	88	28.3				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	113	81	33.0				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	80	92	76	19.0				30 - 150	30
% TCMX (Surrogate Rec)	80	83	71	15.6				30 - 150	30

Comment:

The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

QA/QC Batch 200627, QC Sample No: BB85115 (BB85072)

Volatiles - Solid

1,1,1,2-Tetrachloroethane	ND	94	95	1.1	85	89	4.6	70 - 130	30
1,1,1-Trichloroethane	ND	86	86	0.0	85	90	5.7	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	78	80	2.5	84	88	4.7	70 - 130	30
1,1,2-Trichloroethane	ND	93	96	3.2	85	86	1.2	70 - 130	30
1,1-Dichloroethane	ND	83	85	2.4	81	84	3.6	70 - 130	30
1,1-Dichloroethene	ND	83	86	3.6	85	89	4.6	70 - 130	30
1,1-Dichloropropene	ND	86	87	1.2	86	86	0.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	75	76	1.3	50	63	23.0	70 - 130	30
1,2,3-Trichloropropane	ND	90	90	0.0	80	87	8.4	70 - 130	30
1,2,4-Trichlorobenzene	ND	64	67	4.6	52	59	12.6	70 - 130	30
1,2,4-Trimethylbenzene	ND	83	84	1.2	78	80	2.5	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	94	97	3.1	75	82	8.9	70 - 130	30
1,2-Dichlorobenzene	ND	80	81	1.2	71	78	9.4	70 - 130	30
1,2-Dichloroethane	ND	93	95	2.1	89	89	0.0	70 - 130	30
1,2-Dichloropropane	ND	94	94	0.0	89	90	1.1	70 - 130	30
1,3,5-Trimethylbenzene	ND	86	86	0.0	82	83	1.2	70 - 130	30
1,3-Dichlorobenzene	ND	79	80	1.3	74	76	2.7	70 - 130	30
1,3-Dichloropropane	ND	91	92	1.1	85	85	0.0	70 - 130	30
1,4-Dichlorobenzene	ND	74	76	2.7	71	73	2.8	70 - 130	30
2,2-Dichloropropane	ND	75	78	3.9	71	75	5.5	70 - 130	30
2-Chlorotoluene	ND	87	87	0.0	82	82	0.0	70 - 130	30
2-Hexanone	ND	72	81	11.8	<40	53	NC	70 - 130	30
2-Isopropyltoluene	ND	101	102	1.0	92	95	3.2	70 - 130	30
4-Chlorotoluene	ND	77	80	3.8	78	80	2.5	70 - 130	30

QA/QC Data

SDG I.D.: GBB85071

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Methyl-2-pentanone	ND	100	106	5.8	76	88	14.6	70 - 130	30	
Acetone	ND	69	71	2.9	<40	<40	NC	70 - 130	30	I,m
Acrylonitrile	ND	92	93	1.1	75	82	8.9	70 - 130	30	
Benzene	ND	92	93	1.1	88	88	0.0	70 - 130	30	
Bromobenzene	ND	89	89	0.0	81	83	2.4	70 - 130	30	
Bromochloromethane	ND	79	81	2.5	75	80	6.5	70 - 130	30	
Bromodichloromethane	ND	96	94	2.1	90	92	2.2	70 - 130	30	
Bromoform	ND	95	96	1.0	84	88	4.7	70 - 130	30	
Bromomethane	ND	88	86	2.3	82	86	4.8	70 - 130	30	
Carbon Disulfide	ND	98	101	3.0	93	98	5.2	70 - 130	30	
Carbon tetrachloride	ND	86	87	1.2	83	85	2.4	70 - 130	30	
Chlorobenzene	ND	85	86	1.2	83	82	1.2	70 - 130	30	
Chloroethane	ND	91	91	0.0	88	92	4.4	70 - 130	30	
Chloroform	ND	84	84	0.0	81	85	4.8	70 - 130	30	
Chloromethane	ND	86	88	2.3	78	83	6.2	70 - 130	30	
cis-1,2-Dichloroethene	ND	83	84	1.2	79	84	6.1	70 - 130	30	
cis-1,3-Dichloropropene	ND	89	91	2.2	83	83	0.0	70 - 130	30	
Dibromochloromethane	ND	94	94	0.0	85	87	2.3	70 - 130	30	
Dibromoethane	ND	93	95	2.1	85	87	2.3	70 - 130	30	
Dibromomethane	ND	93	94	1.1	86	88	2.3	70 - 130	30	
Dichlorodifluoromethane	ND	94	93	1.1	81	85	4.8	70 - 130	30	
Ethylbenzene	ND	87	89	2.3	86	85	1.2	70 - 130	30	
Hexachlorobutadiene	ND	74	77	4.0	65	73	11.6	70 - 130	30	m
Isopropylbenzene	ND	90	90	0.0	90	90	0.0	70 - 130	30	
m&p-Xylene	ND	85	87	2.3	83	82	1.2	70 - 130	30	
Methyl ethyl ketone	ND	66	73	10.1	<40	<40	NC	70 - 130	30	I,m
Methyl t-butyl ether (MTBE)	ND	106	108	1.9	95	95	0.0	70 - 130	30	
Methylene chloride	ND	72	72	0.0	70	73	4.2	70 - 130	30	
Naphthalene	ND	88	90	2.2	<40	52	NC	70 - 130	30	m
n-Butylbenzene	ND	78	81	3.8	76	78	2.6	70 - 130	30	
n-Propylbenzene	ND	81	83	2.4	83	83	0.0	70 - 130	30	
o-Xylene	ND	96	97	1.0	89	89	0.0	70 - 130	30	
p-Isopropyltoluene	ND	87	89	2.3	80	83	3.7	70 - 130	30	
sec-Butylbenzene	ND	86	86	0.0	87	89	2.3	70 - 130	30	
Styrene	ND	94	95	1.1	72	83	14.2	70 - 130	30	
tert-Butylbenzene	ND	91	91	0.0	88	90	2.2	70 - 130	30	
Tetrachloroethene	ND	84	87	3.5	72	69	4.3	70 - 130	30	m
Tetrahydrofuran (THF)	ND	94	97	3.1	81	88	8.3	70 - 130	30	
Toluene	ND	91	91	0.0	87	87	0.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	84	85	1.2	83	86	3.6	70 - 130	30	
trans-1,3-Dichloropropene	ND	88	89	1.1	78	80	2.5	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	94	95	1.1	68	74	8.5	70 - 130	30	m
Trichloroethene	ND	98	99	1.0	86	86	0.0	70 - 130	30	
Trichlorofluoromethane	ND	102	105	2.9	95	101	6.1	70 - 130	30	
Trichlorotrifluoroethane	ND	97	101	4.0	96	102	6.1	70 - 130	30	
Vinyl chloride	ND	89	92	3.3	82	86	4.8	70 - 130	30	
% 1,2-dichlorobenzene-d4	100	97	99	2.0	98	100	2.0	70 - 130	30	
% Bromofluorobenzene	98	101	103	2.0	103	102	1.0	70 - 130	30	
% Dibromofluoromethane	80	84	87	3.5	82	87	5.9	70 - 130	30	
% Toluene-d8	102	101	102	1.0	101	102	1.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Data

SDG I.D.: GBB85071

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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l = This parameter is outside laboratory lcs/lcsd specified recovery limits.

m = This parameter is outside laboratory ms/msd specified recovery limits.

r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

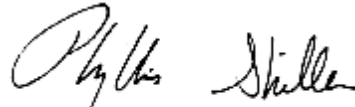
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director

May 22, 2012

Sample Criteria Exceedences Report

Requested Criteria: GAM, RC

GBB85071

SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored Criteria	Factored RL Criteria	Analysis Units
BB85079	LBG-PCB	\$PCB_SOXR	PCB-1254	mg/kg	CT	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	3400	370	1000	1000	ug/Kg
BB85080	LBG-PCB	\$PCB_SOXR	PCB-1254	mg/kg	CT	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	1300	360	1000	1000	ug/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** LBG-PCB

Project Location: SATIN **Project Number:**

Laboratory Sample ID(s): BB85071, BB85072, BB85073, BB85074, BB85075, BB85076, BB85077, BB85078, BB85079, BB85080

Sampling Date(s): 5/10/2012

RCP Methods Used:

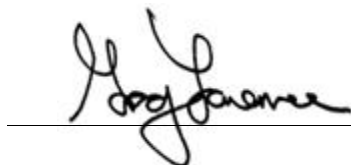
☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☒ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? See Section: VOA Narration.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:



Date: Tuesday, May 22, 2012

Printed Name: Greg Lawrence

Position: Assistant Lab Director



Environmental Laboratories, Inc.
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RCP Certification Report

May 22, 2012

SDG I.D.: GBB85071

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 05/14/12-1 (BB85071, BB85072, BB85076, BB85077, BB85078)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn
Position: Chemist
Date: 5/14/2012

Instrument: Au-ecd35 05/18/12-1 (BB85080)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn
Position: Chemist
Date: 5/18/2012

Instrument: Au-ecd35 05/20/12-1 (BB85080)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn
Position: Chemist
Date: 5/20/2012

Instrument: Au-ecd4 05/16/12-1 (BB85073, BB85074, BB85075, BB85079)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none



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RCP Certification Report

May 22, 2012

SDG I.D.: GBB85071

Printed Name Michael Hahn
Position: Chemist
Date: 5/16/2012

Instrument: Au-ecd7 05/15/12-1 (BB85078)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn
Position: Chemist
Date: 5/15/2012

QC Comments: QC Batch 00591 05/12/12 (BB85071, BB85072, BB85073, BB85074, BB85075, BB85076, BB85077, BB85078, BB85079, BB85080)

The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

QC (Batch Specific)

----- Sample No: BB78090, QA/QC Batch: 200591 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: PCB-1260(33.0%)

VOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 200627 (Samples: BB85072): -----

Several QC recoveries are below the lower range, but within the method criteria. A slight low bias for these analytes is likely. (Acetone, Methyl ethyl ketone, 1,2,4-Trichlorobenzene)

Instrument: Chem11 05/11/12-3 (BB85072)

Initial Calibration Verification (CHEM11/RCPS_0502):

>90% of target compounds met criteria.

The following compounds had %RSDs >20%:

Continuing Calibration Verification:

>80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.

The following compounds had % Deviations >30%: 2-Hexanone, 1,2,4-Trichlorobenzene



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RCP Certification Report

May 22, 2012

SDG I.D.: GBB85071

Printed Name Johanna Harrington
Position: Chemist
Date: 5/11/2012

QC (Batch Specific)

----- Sample No: BB85115, QA/QC Batch: 200627 -----

All LCS recoveries were within 70 - 130 with the following exceptions: 1,2,4-Trichlorobenzene(64%), Acetone(69%), Methyl ethyl ketone(66%)

All LCSD recoveries were within 70 - 130 with the following exceptions: 1,2,4-Trichlorobenzene(67%)

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

